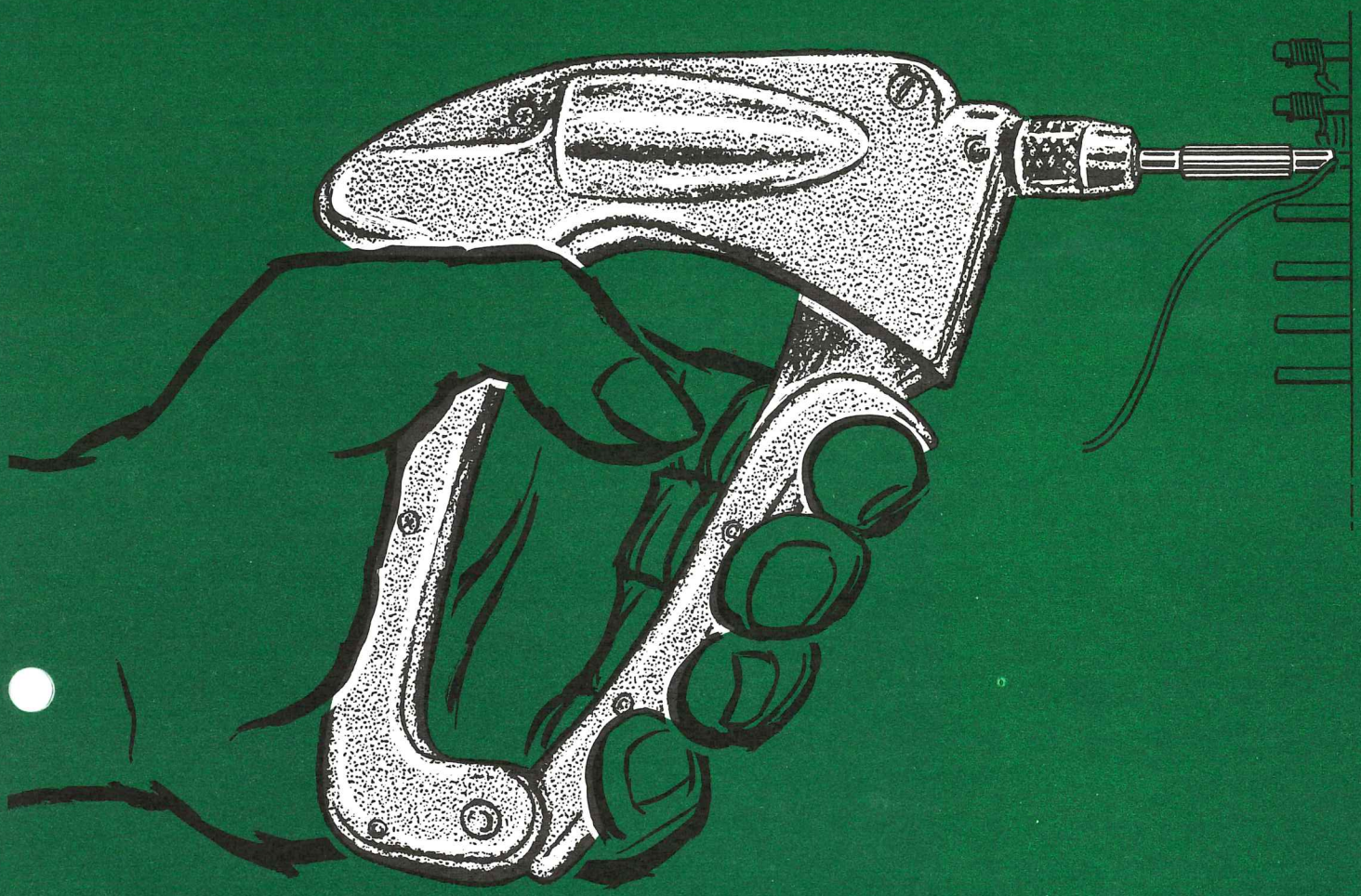
make connections with...



Effective Date May, 1973

JIC TOOLS

JONARD INDUSTRIES CORP.

QUIK-WRAP®

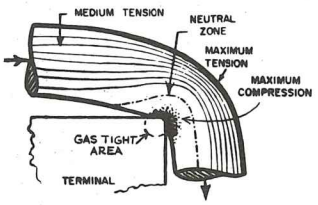
wire wrapping & unwrapping devices

CATALOG NO. 350

JONARD INDUSTRIES CORP.

QUIK-WRAP® devices make more uniform, permanent and mechanically stable connections!

WHY QUIK-WRAP® MAKES BETTER CONNECTIONS...



HIGH PRESSURE CONTACT

Wrapping tension of wire around terminal causes powerful twist-motion to compress and hold wire tightly to terminal.

CONTACT

Bending of the wire around the terminal's sharp corners causes oxide layers on both terminal and wire to be crushed or sheared clean. Thus oxide-free metal-to-metal contact is assured.

STRENGTH OF CONNECTION

QUIK-WRAP connections are considerably stronger than solder connections and are less easily pulled or stripped from the terminal. Lack of stress points results in less breakage.

GAS TIGHT CONTACT CONNECTION

The illustrated "gas tight" areas of contact cannot be penetrated by corrosive atmospheres, humidity, vibration or temperature change.

TERMINALS SUITABLE FOR QUIK-WRAP CONNECTIONS

(a) SQUARE TERMINAL

(b) U TERMINAL

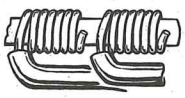
(c) V TERMINAL

(d) COINED AND FLATTENED WIRE TERMINAL

(e) COINED WIRE TERMINAL

(f) TWIN WIRE TERMINAL

TWO OR MORE CONNECTIONS



ADVANTAGES

- GREATER UNIFORMITY
- LESS COSTLY
- FASTER - MORE PRODUCTION
- MORE COMPACT
- GREATER CLEARANCE
- PERMITS MINIATURIZATION
- MULTIPLE CONNECTIONS
- EASIER TO CHANGE
- CONNECTIONS GRIP TIGHTER
- ELECTRICALLY BETTER
- LONGER LIFE
- MECHANICALLY STABLE
- NO HEAT HAZARD
- NO SOLDER FUME DAMAGE

MAKING THE CONNECTION IS EASY...

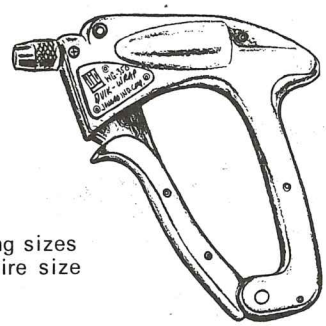
STRIP the wire to length. Insert in bit and anchor.

POSITION over terminal. Squeeze trigger easily to twist.

TWIST on! A perfect, permanent, quick connection...in less than 1/10th second.

QUIK-WRAP® devices are simple & easy to use...

Manual QUIK-WRAP® GUN...



The hand-operated QUIK-WRAP gun uses interchangeable QUIK-WRAP BITS and SLEEVES.

BITS...are selected to fit differing sizes of terminal height, width and wire size combinations.

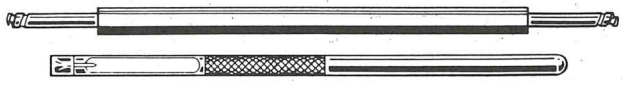
SLEEVES...are selected to fit over the desired QUIK-WRAP bit. The sleeves are insulated to help prevent shorting of adjacent connections.

QUIK-UNWRAP GUN AND BITS...Wrapped connections can be unwrapped easily. Only bits are required, no sleeves necessary.

(See TABLES for BITS and SLEEVES under QUIK-WRAP or QUIK-UNWRAP GUNS)

Also...SIMPLE, HAND-WRAP AND UNWRAP TOOLS...

Small, simple to use, convenient hand wrapping and unwrapping tools are extremely useful for both light production and service requirements. No bits, sleeves or special knowledge required.



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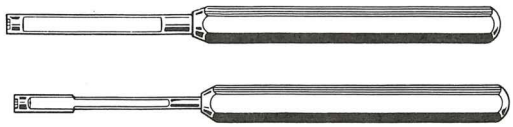
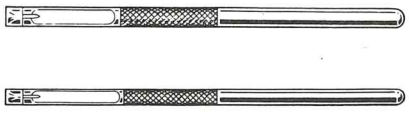
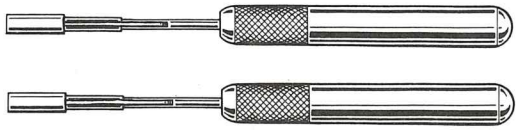
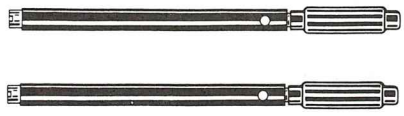
CABLE ADDRESS: JICTOOLS/TUCKAHOE WESTCHESTERCO/USA

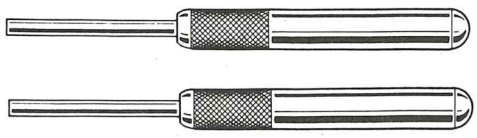
Printed in U.S.A. 2/73

HAND WRAPPING TOOLS

No bits or sleeves are needed with these handy tools. Use them for shop, service and production wrapping or special requirements.

TOOL	JONARD#	GAUGE	DESCRIPTION
	**WD-2000**	20	Single ended, .071''x .625'' deep.
	WD-2400	24	Single ended, .075''x .625'' deep.
	**WD-2001**	20	Single ended, w/tunnel, .075''x .625'' deep.
	WD-2224	22-24	Single ended, w/tunnel, .075''x .625'' deep.
	**WD-2225**	22-24	Single ended, .075''x .800'' deep.
	WD-2600	26	Single ended, .075''x .750'' deep.
	**WDI-2224** (Weco # 635A)	22-24	Special; insulated, .073'' x .750'' deep.
	WDI-2426 (Weco # 635B)	24-26	Standard; insulated, .073'' x .750'' deep.

BARE GROUND STRAPPING TOOLS

	**WDG-2224**	22-24	Aluminum anodized handle, knurled, continuous feed.
	WDG-2600	26	Aluminum anodized handle, knurled, continuous feed.

If you cannot find the wrapping tool you need, Jonard will produce it custom to your specifications and requirements.

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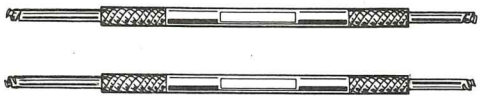
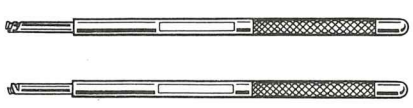
HAND UNWRAPPING TOOLS

Like the wrapping tools, these hand unwrapping tools have no separate bits and sleeves. Use them in any location. No power needed.

TOOL	JONARD#	GAUGE	DESCRIPTION
	UDLR-2026	20-26	Double ended, left and right hand, .070"x .750" deep each end.
	UDL-2027	20-26	Double ended, left hand, 052" one end, .070" other x 1.25" deep hole.
	UDL-2426 UDR-2426	24-26 24-26	Double ended, left hand, .066" one end, .073" other end, 1" deep hole. Double ended, right hand, .066" one end, .073" other end, 1" deep hole.
	UDL-2026	20-26	Single ended, left hand, .070"x .750" deep.
	UDL-2028	20-26	Single ended, left hand, insulated, .070"x 2.360" deep, wire release type.
	UD-2224 (Weco #'s KS-16492, R-3328)	22-24	Single ended, plastic handle, .070" dia. hole, wire release type, insulated.
	UDL-2427 UDR-2427	24-26 24-26	Single ended, left hand, .072"x 1.81" deep hole. Single ended, right hand, .072"x 1.81" deep hole.

If you cannot find the wrapping tool you need, Jonard will produce it custom to your specifications and requirements.

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KITS – *Convenient to use... easy access... all tools at your fingertips...*

WRAPPING TOOL KIT • KW-350

A set of wrapping tools, selected to handle the most popular wire wrap connections.

Handsomely fitted in a durable leather finished case for maximum protection of tools.

WDI-2426 Standard; insulated, .073"x .750" deep hole.

WD-2225 Single ended, w/tunnel, .075"x .625" deep hole.

WD-2000 Single ended, .071"x .625" deep hole.

KW-350

UNWRAPPING TOOL KIT • KU-360

A set of unwrapping tools, selected to handle the most popular wire unwrap connections.

Set complements the above wrapping tool kit.

Handsomely fitted in a durable leather finished case for maximum protection of tools.

UDL-2027 Double ended, left hand, .052"/.070" x 1.25" deep hole.

UDLR-2026 Double ended, left and right hand, .070"x .750" deep hole.

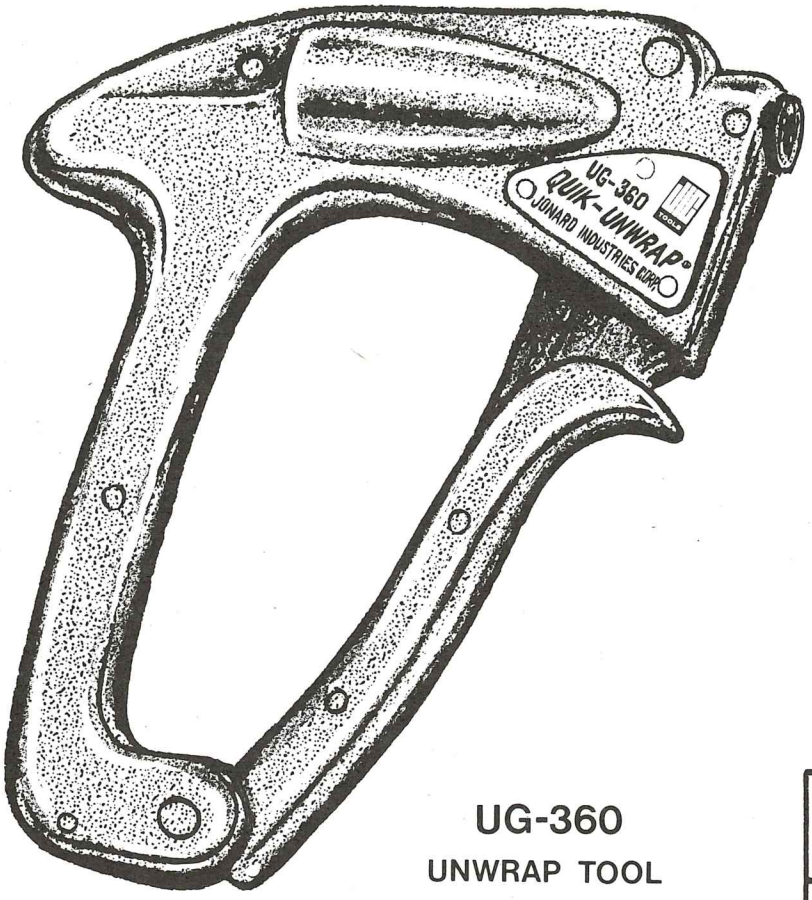
UDR-2426 Double ended, right hand,.066"/.073" with 1" deep hole.

KU-360

QUIK-UNWRAP®

WIRE UNWRAP GUN & ACCESSORIES

Manually operated...

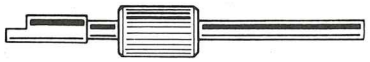


UG-360
UNWRAP TOOL

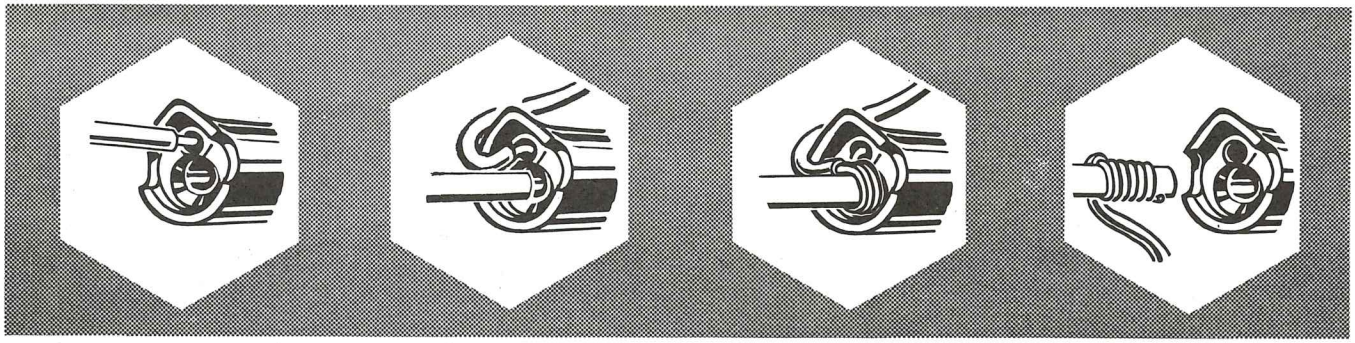
Speedy unwrap tool maintains production speed

Portable, manually operated tool works anywhere for large or small operations.

Unwrap bits are listed in table below:



WIRE GAUGE	QUIK - UNWRAP BIT JONARD PART NO.
20-26	**BU-2026**
20-26	**BUP-2026** (For power tools)



MAKING THE SOLDERLESS WRAPPED CONNECTION

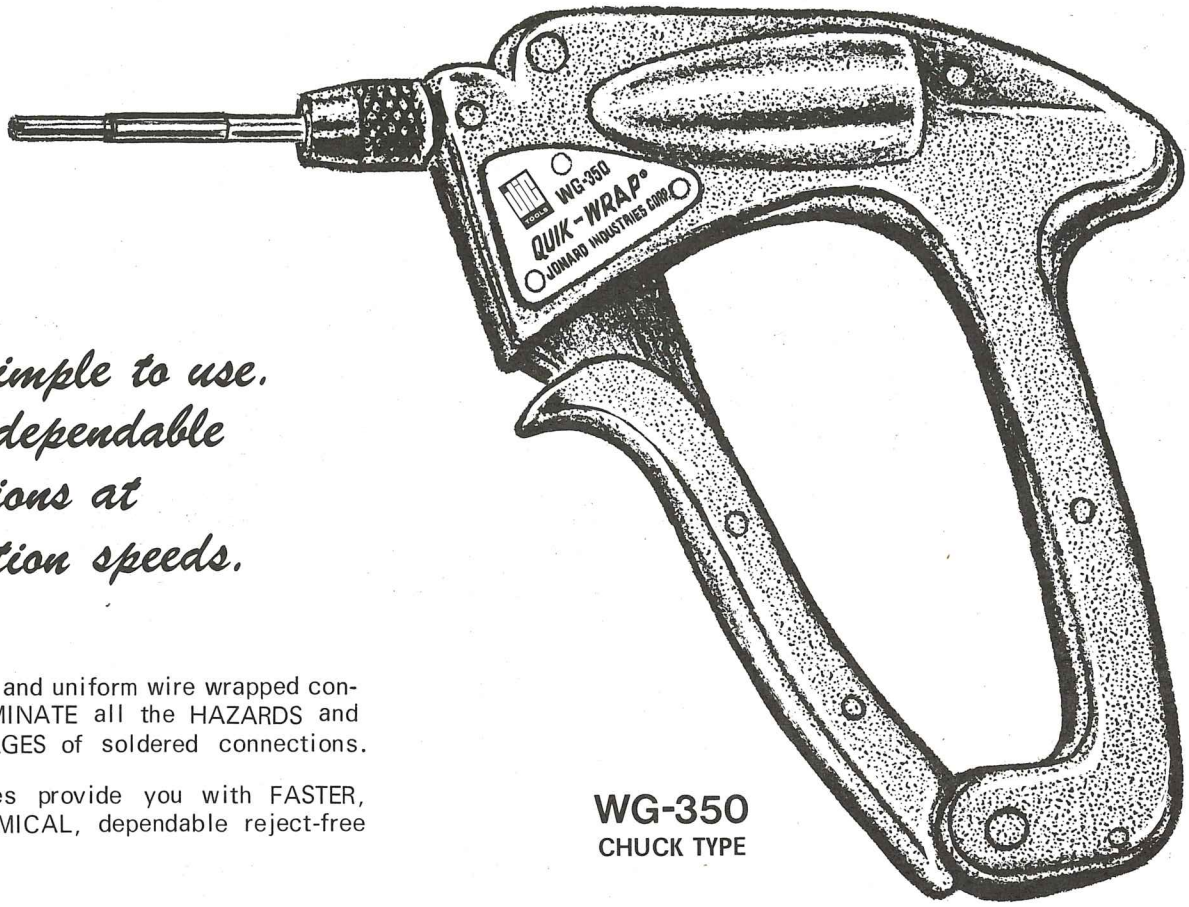
The end of the wire is skinned, the length depending upon the number of turns needed for the connection. For example, a six-turn connection made with 24-gauge wire requires approximately one and one-half inches of wire.

The skinned end of the wire is inserted into the wrapping bit of the QUIK-WRAP gun, the bit then placed over the terminal and the trigger squeezed. In a fraction of a second, the rotating wrapping bit winds the wire around the terminal to produce a permanent, tightly-wrapped solderless electrical connection.

The illustrations show the simplicity of the wrapping cycle in making a solderless wrapped connection.

Manually operated... QUIK-WRAP®

WIRE WRAP GUN & ACCESSORIES



WG-350
CHUCK TYPE

Easy, simple to use. Make dependable connections at production speeds.

More reliable and uniform wire wrapped connections ELIMINATE all the HAZARDS and DISADVANTAGES of soldered connections.

These devices provide you with FASTER, more ECONOMICAL, dependable reject-free connections.

SLEEVE

BIT

The following table lists the necessary bits and sleeves for the wire size and terminal you are working with.

WIRE GAUGE	Regular	*Modified	Terminal Hole Dia. x Depth	QUIK-WRAP BIT JONARD PART NO.	QUIK-WRAP SLEEVE JONARD PART NO.
24-26	✓		.075''x .750''	BW-2426	SW-2426
22-24	✓		.075''x .807''	BW-2224	SW-2224
24-26		✓	.075''x .750''	BWM-2426	SW -2224
22		✓	.075''x .750''	BWM-2200	SW-2224

*Modified wrap includes additional 1½ turns with insulation on terminal.

If you cannot find the wrapping tool you need, Jonard will produce it custom to your specifications and requirements.

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JONARD INDUSTRIES CORP.

is continually expanding its line of precision tools, devices and many other products to serve your needs...

The catalogs illustrated contain information about various product lines that we manufacture to better serve the industry.

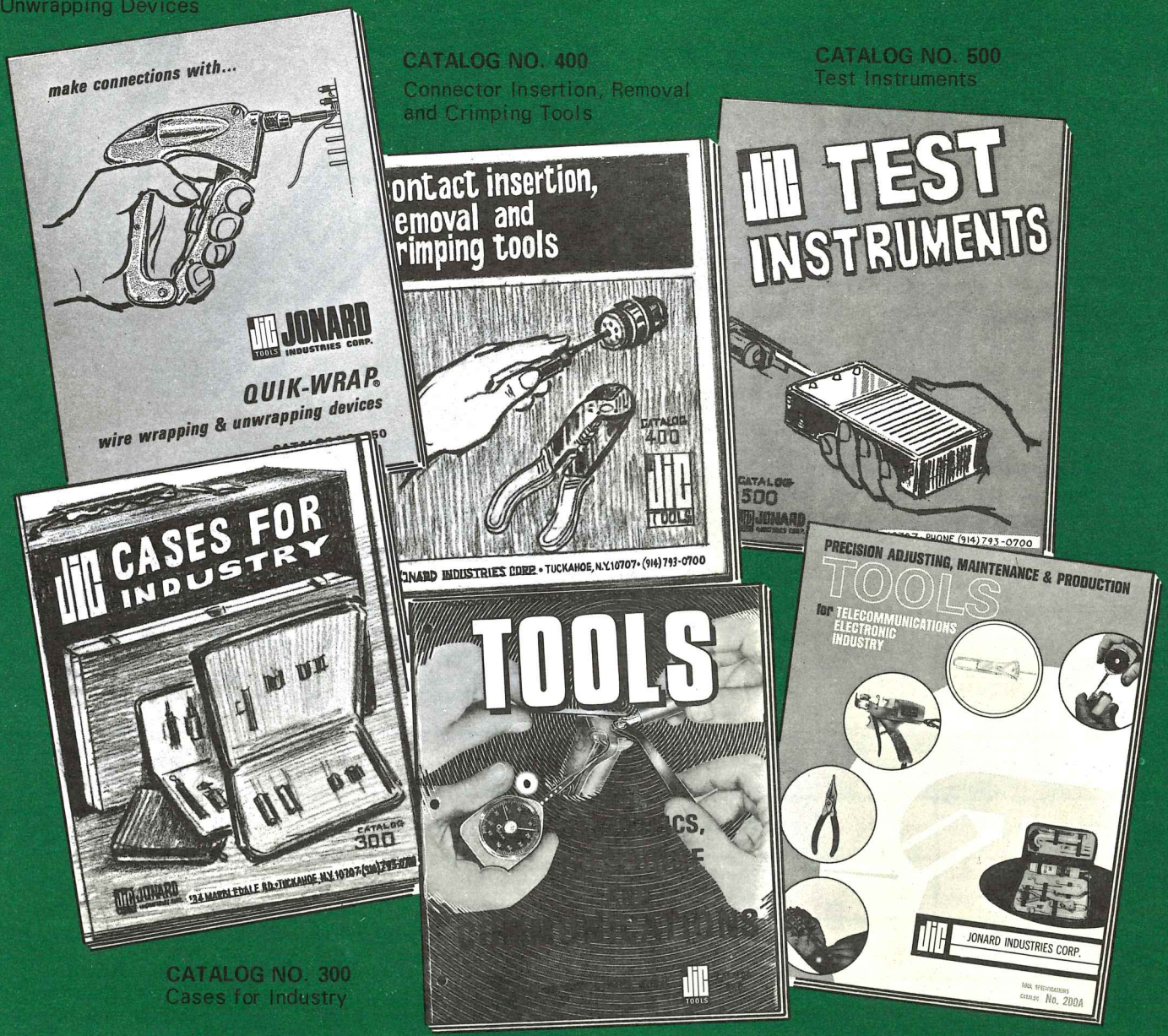
Our advanced design tools, devices and instruments will help you perform your work efficiently, practically and economically.

For more information, write or call today.

CATALOG NO. 350
Wire Wrapping &
Unwrapping Devices

CATALOG NO. 400
Connector Insertion, Removal and Crimping Tools

CATALOG NO. 500
Test Instruments



CATALOG NO. 300
Cases for Industry

CATALOG NO. 250
Standard Stock Tools

CATALOG NO. 200B
Standard Non-Stock Tools

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Precision tools for electronics, telecommunications and aerospace

OEM INDUSTRIAL PRICE LIST L-35

FOR USE WITH CATALOG NO. 350, QUIK-WRAP WIRE WRAPPING & UNWRAPPING DEVICES

This price list supersedes all prior lists. Please discard all prior lists.

TERMS AND CONDITIONS

MINIMUM ORDERS (billing); $25.00. Orders below minimum subject to $5.00 handling charge.
TERMS: 1% 10 days, net 30 days.
FREIGHT: F.O.B. our plant.
RETURNS: No merchandise may be returned without authorization.
GUARANTEE: All JIC products are fully guaranteed against defects in workmanship or material.
PRICES: All prices subject to change without notice.

A HAND WRAPPING TOOLS

PART NO.	DESCRIPTION	OEM
WD-2000	Single ended 20 ga.	14.00
WD-2400	Single ended 24 ga.	14.00
WD-2001	Single ended, w/tunnel 20 ga.	14.95
WD-2224	Single ended, w/tunnel 22-24 ga.	14.95
WD-2225	Single ended 22-24 ga.	15.00
WD-2600	Single ended 26 ga.	15.00
WDI-2224	Special, insulated 22-24 ga.	11.00
WDI-2426	Standard, insulated 24-26 ga.	11.00
	BARE GROUND STRAPPING TOOLS	
WDG-2224	Aluminum anodized handle, 22-24 ga. knurled, continuous feed	19.80
WDG-2600	Aluminum anodized handle, 26 ga. knurled, continuous feed	19.80

B HAND UNWRAPPING TOOLS

PART NO.	DESCRIPTION	OEM
UDLR-2026	Double ended, left and right hand 20-26 ga.	14.90
UDL-2027	Double ended, left hand 20-26 ga.	14.90
UDL-2426	Double ended, left hand 24-26 ga.	16.30
UDR-2426	Double ended, right hand 24-26 ga.	16.30
UDL-2026	Single ended, left hand 20-26 ga.	8.10
UDL-2028	Single ended, left hand, insulated 20-26 ga.	12.90
UD-2224	Single ended, plastic handle 22-24 ga.	12.00
UDL-2427	Single ended, left hand 24-26 ga.	9.00
UDR-2427	Single ended, right hand 24-26 ga.	9.00

C QUIK-WRAP Wire wrap gun and accessories

PART NO.	DESCRIPTION	OEM
WG-350	Quik-Wrap Gun	53.80
	BITS	
BW-2426	Quik-Wrap Bit, Regular, 24-26 ga.	13.50
BW-2224	Quik-Wrap Bit, Regular, 22-24 ga.	13.50
BWM-2426	Quik-Wrap Bit, Modified, 24-26 ga.	13.50
BWM-2200	Quik-Wrap Bit, Modified, 22 ga.	13.50
	SLEEVES	
SW-2426	Quik-Wrap Sleeve 24-26 ga.	6.20
SW-2224	Quik-Wrap Sleeve 22-24 ga.	6.20

D QUIK-UNWRAP Wire unwrap gun and accessories

PART NO.	DESCRIPTION	OEM
UG-360	Quik-Unwrap Gun	52.30
	BITS	
BU-2026	Quik-Unwrap Bit 20-26 ga.	15.00
BUP-2026	Quik-Unwrap Bit 20-26 ga.; f/pwr tools	16.10

E TOOL KITS

PART NO.	DESCRIPTION	OEM
KW-350	3 piece Wrapping Tool Kit, 1 each WDI-2426, WD-2225, WD-2000.	42.00
KU-360	3 piece Unwrapping Tool Kit, 1 each UDL-2027, UDLR-2026, UDR-2426.	48.00